



Search Report

EIC 3600

STIC Database Tracking Number:

To: Examiner SUSANNA MEINECKE
DIAZ
Location: KNX 4A55
Art Unit: 3692
Date: 03/20/09
Case Serial Number: 11/373479

From: Matthew Hogan
Location: EIC3600
KNX 4B71
Phone: (571) 272-6674
Matthew.Hogan@uspto.gov

Search Notes

Dear Examiner MEINECKE DIAZ:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, ProQuest and EBSCOhost.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you find useful.

Please note that the results, after the potential references of interest, proceed through an Inventor search (which is provided without regard to priority date) and then to results in both Abstract and Full Text databases (which are more directly screened for priority date).

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

| | | |
|------|--|----|
| I. | POTENTIAL REFERENCES OF INTEREST..... | 3 |
| II. | INVENTOR SEARCH | 8 |
| A. | Dialog | 8 |
| III. | TEXT SEARCH RESULTS FROM DIALOG (FULL TEXT DBS)..... | 12 |
| IV. | TEXT SEARCH RESULTS FROM DIALOG (ABSTRACT DBS)..... | 24 |
| A. | Abstract Databases -- Patent..... | 24 |
| V. | ADDITIONAL RESOURCES SEARCHED | 32 |

I. Potential References of Interest

* EIC-Searcher identified "potential references of interest" are selected based on the terms/concepts provided in the examiner's search request.

5/5,K/10 (Item 5 from file: 2) Links

INSPEC

(c) 2009 Institution of Electrical Engineers. All rights reserved.

06697221 **INSPEC Abstract Number:** C9710-1290D-044

Title: Optimum strategies for opening trading in options

Author Rickard, J.T.; Lupien, W.A.

Author Affiliation: OptiMark Technol. Inc., Durango, CO, USA

Conference Title: Conference Record of Thirtieth Asilomar Conference on Signals, Systems and Computers
(Cat. No.96CB36004) **Part** vol.1 p. 451-8 vol.1

Editor(s): Singh, A.

Publisher: IEEE Comput. Soc. Press , Los Alamitos, CA, USA

Publication Date: 1997 **Country of Publication:** USA 2 vol. xxiii+1416 pp.

ISBN: 0 8186 7646 9 **Material Identity Number:** XX97-01333

U.S. Copyright Clearance Center Code: 1058-6393/97/\$10.00

Conference Title: Conference Record of The Thirtieth Asilomar Conference on Signals, Systems and Computers

Conference Sponsor: Naval Postgraduate School, Monterey, CA; San Jose State Univ.; IEEE Signal Process. Soc

Conference Date: 3-6 Nov. 1996 **Conference Location:** Pacific Grove, CA, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: When opening multiple series of options in a common underlying security, variations in public bids and offers across the series, and variations in the price of the underlying security during the time required to cycle through the opening, produce discrepancies in opening prices with respect to a single implied volatility. Ideally, all option series should be opened simultaneously at a price that corresponds reasonably well to a consistent set of implied volatilities, optimizes the traded volume across all series, and enables market makers to balance variations in supply and demand of public orders at advantageous prices. The first objective avoids gross inconsistencies in implied volatility at the opening. The second objective satisfies an obvious purpose for an exchange. The final objective currently is accomplished by **round-robin** assignment of **market** makers to the required offsetting positions at the opening. This paper describes an optimum procedure for simultaneously accomplishing all of the above objectives. (4 Refs)

Subfile: C

Descriptors: financial data processing; optimisation; securities trading

Identifiers: optimum strategies; opening trading; options; security; public bids; opening prices; volatility; option series; traded volume optimisation; market makers; supply; demand; public orders; prices; round-robin assignment

Class Codes: C1290D (Systems theory applications in economics and business); C7120 (Financial computing)

Copyright 1997, IEE

Abstract: ...objective satisfies an obvious purpose for an exchange. The final objective currently is accomplished by **round-robin** assignment of **market** makers to the required offsetting positions at the opening. This paper describes an optimum procedure...

12/3K/4 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rights reserved.

00422198

METHOD AND APPARATUS FOR AUTOMATED OPENING OF OPTIONS EXCHANGE

PROCEDE ET DISPOSITIF D'OUVERTURE AUTOMATIQUE D'UN MARCHE D'OPTIONS

Patent Applicant/Patent Assignee:

- OPTIMARK TECHNOLOGIES INC

Inventor(s):

- RICKARD John T

- LUPIEN William A

| | Country | Number | Kind | Date |
|-------------|---------|-----------|------|----------|
| Patent | WO | 9812659 | A1 | 19980326 |
| Application | WO | 97US15665 | | 19970908 |
| Priorities | US | 96717387 | | 19960920 |

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004) AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, GH, KE, LS, MW, SD, SZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 10112

Detailed Description:

...public orders at the opening price.

The present method of accomplishing this goal is a **round-robin** assignment of the residual contracts to each **market** maker. This method of assignment often results in SUBSTITUTE SHEET (RULE 26) undesirable and inefficient.... ...made to meet these desires in the allocation of public order residual balances. As each **market** maker has unique desires, the present **round-robin** allocation of the residual balance in public orders may not improve, and could possibly worsen...maker.

ExampleB

To illustrate the relative performance of the optimum assignment with respect to the **round-robin** assignment of public order imbalances to **market** makers, we consider the following examples. We assume there are ten option series, with 30... ...per market maker in @ is 721 for the optimum assignment, and, 4,529 for the **round robin** assignment. The corresponding rms error per **market** maker in @ is 135 and 544, respectively.

As a second ...per market maker in @ is 74 for the optimum assignment, and 5,514 for the **round-robin** assignment. The corresponding rms error per **market** maker in @ is 158 and 527, respectively.

These examples demonstrate the substantial improvement in the...

21/9,K/1 (Item 1 from file: 624) [Links](#)

McGraw-Hill Publications

(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

00756952
DINGELL CHALLENGES SEC OVER PERMANENT APPROVAL OF CSE'S DEALER PREFERENCING PROGRAM
MH
Securities Week, Vol. 23, No. 14, Pg 1
April 18, 1996
JOURNAL CODE: SW
ISSN: 0149-3582
WORD COUNT: 668

TEXT:

Rep. John Dingell (D-MI), the ranking Democrat on the House Commerce committee, last week held the SEC's feet to the fire over its recent permanent approval of the Cincinnati Stock Exchange's controversial dealer preferencing program.

Expressing his ``serious reservations about your agency's actions,'' Dingell called on SEC chairman Arthur Levitt Jr. to explain, among other things, why clients ``should have to tolerate a practice that benefits broker-dealers at the customers' expense.''

Dingell joined the NYSE in criticizing the Cincinnati program for internalizing orders. Dingell said he had received complaints ``that the (Cincinnati) preferencing pilot has not added depth or liquidity to the CSE market, but rather has resulted in the CSE's becoming a facility for CSE members to print internalized trades that do not interact with any other market interest to the detriment of investors.''

Dingell added that ``it has been suggested that the 30 second order exposure period has added to the CSE's `extraordinarily--and ever increasing(ly)'--high rate of Intermarket Trading System cancellations.'' Dingell requested that the SEC provide him with data on these cancellations and its analysis of ``their impact on investors and on the market.''

The SEC, in its order granting permanent approval to the Cincinnati program, concluded that the CSE's pilot program had generally added depth and liquidity to the market, as well as increasing its order flow. As such, it said that dealer preferencing, as supplemented by the order handling policies that the CSE proposed to increase exposure of customer limit orders, ``is not necessarily inconsistent with the attainment of best execution of customer orders, the maintenance of fair and orderly markets, or the protection of investors and the public interest.''

The SEC added that ``to the extent that preferencing does not have the effect of increasing order interaction, it fulfills the other national market system goalssuch as furthering competition among brokers and dealers, among exchange markets and markets other than exchange markets.''

In approving the preferencing program, the SEC also removed restrictions placed on the dealer preferencing program during its pilot phase that prohibited dealers from making cash payments for order flow. The SEC also removed previous restrictions on the number of stocks in which a single Cincinnati dealer is permitted to register (previously the number had been 350).

The CSE program provides dealers with the ability to retain and execute their internal order flow at the national best bid or offer, provided that public limit orders at the same price on the CSE book are executed first.

To that end, the preferencing program permits **CSE dealers** to internalize **order** flow by eliminating time

priority between **CSE dealers**. The **dealer** may interact with a public **order** it represents as agent by either taking the contra-side of the trade as principal (a ``paired order trade''), or crossing the order with another customer order its represents as agent (an ``agency cross.'').

Among order handling changes approved by the SEC--which the CSE said would improve exposure of customer orders, and which the NYSE has criticized as essentially meaningless--is a policy that will require that in ``greater than minimum variation markets,'' a preferencing dealer must immediately execute market orders routed for execution on the CSE ``at an improved price or expose the orders on the exchange for a minimum of thirty seconds to give other market participants an opportunity to provide an improved price.''

A preferencing dealer may expose a market order by representing the orders at an improved price to the dealer's CSE quote, or by placing the order on the CSE's central limit order book at an improved price.

In a related development that is also, though less controversial, the SEC has also given its approval to the permanent status of the Boston Stock Exchange's competing specialist system. (See story page 4).

Copyright 1996 The McGraw-Hill Companies

COMPANY NAMES: Boston Stock Exchange ; Cincinnati Stock Exchange ; D MI ; House Commerce committee ; NYSE

II. Inventor Search

A. Dialog

[File 347] **JAPIO** Dec 1976-2008/Oct(Updated 090220)
(c) 2009 JPO & JAPIO. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-200911
(c) 2009 European Patent Office. All rights reserved.

[File 349] **PCT FULLTEXT** 1979-2009/UB=20090129|UT=20090122
(c) 2009 WIPO/Thomson. All rights reserved.

[File 350] **Derwent WPIX** 1963-2008/UD=200914
(c) 2009 Thomson Reuters. All rights reserved.

| Set | Items | Description |
|-----|-------|----------------------------------|
| S1 | 276 | S AU=(OBRECHT, W? OR OBRECHT W?) |
| S2 | 0 | S S1 AND (SELLER? OR VENDOR?) |
| S3 | 0 | S S1 AND MERCHANT? |
| S4 | 2 | S S1 AND BID? |
| S5 | 1 | S S1 AND GOODS |
| S6 | 0 | S S1 AND AU=WELLS |
| S7 | 190 | S S1 AND (PRODUC? OR MANUFACT?) |
| S8 | 0 | S S7 AND RANK? |

[File 47] **Gale Group Magazine DB(TM)** 1959-2009/Mar 09
(c) 2009 Gale/Cengage. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2009/Mar 18
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2009/Feb 25
(c) 2009 Gale/Cengage. All rights reserved.

[File 387] **The Denver Post** 1994-2009/Mar 16
(c) 2009 Denver Post. All rights reserved.

[File 471] **New York Times Fulltext** 1980-2009/Mar 17
(c) 2009 The New York Times. All rights reserved.

[File 492] **Arizona Repub/Phoenix Gaz** 19862002/Jan 06
(c) 2002 Phoenix Newspapers. All rights reserved.

*File 492: File 492 is closed (no longer updating). Use Newsroom, Files 989 and 990, for current records.

[File 494] **St LouisPost-Dispatch** 1988-2009/Mar 17
(c) 2009 St Louis Post-Dispatch. All rights reserved.

[File 631] **Boston Globe** 1980-2009/Mar 18
(c) 2009 Boston Globe. All rights reserved.

[File 633] **Phil.Inquirer** 1983-2009/Mar 17
(c) 2009 Philadelphia Newspapers Inc. All rights reserved.

[File 638] **Newsday/New York Newsday** 1987-2009/Mar 17
(c) 2009 Newsday Inc. All rights reserved.

[File 640] **San Francisco Chronicle** 1988-2009/Mar 15
(c) 2009 Chronicle Publ. Co. All rights reserved.

[File 641] **Rocky Mountain News** Jun 1989-2009/Jan 16
(c) 2009 Scripps Howard News. All rights reserved.

*File 641: This file has ceased updating

[File 702] **Miami Herald** 1983-2009/Mar 17
(c) 2009 The Miami Herald Publishing Co. All rights reserved.

[File 703] **USA Today** 1989-2009/Mar 17
(c) 2009 USA Today. All rights reserved.

[File 704] **(Portland)The Oregonian** 1989-2009/Mar 15
(c) 2009 The Oregonian. All rights reserved.

[File 713] **Atlanta J/Const.** 1989-2009/Mar 08
(c) 2009 Atlanta Newspapers. All rights reserved.

[File 714] **(Baltimore) The Sun** 1990-2009/Mar 15
(c) 2009 Baltimore Sun. All rights reserved.

[File 715] **Christian Sci.Mon.** 1989-2009/Mar 16
(c) 2009 Christian Science Monitor. All rights reserved.

[File 725] **(Cleveland)Plain Dealer** Aug 1991-2009/Mar 17
(c) 2009 The Plain Dealer. All rights reserved.

[File 735] **St. Petersburg Times** 1989- 2009/Mar 15
(c) 2009 St. Petersburg Times. All rights reserved.

[File 477] **Irish Times** 1999-2009/Mar 18
(c) 2009 Irish Times. All rights reserved.

[File 710] **Times/Sun.Times(London)** Jun 1988-2009/Mar 17
(c) 2009 Times Newspapers. All rights reserved.

[File 711] **Independent(London)** Sep 1988-2006/Dec 12
(c) 2006 Newspaper Publ. PLC. All rights reserved.

*File 711: This file does not update. See NewsRoom for full daily coverage from many European sources.

[File 756] **Daily/Sunday Telegraph** 2000-2009/Mar 17
(c) 2009 Telegraph Group. All rights reserved.

[File 757] **Mirror Publications/Independent Newspapers** 2000-2009/Mar 18
(c) 2009. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2009/Mar 17
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2009/Mar 16
(c) 2009 Gale/Cengage. All rights reserved.

[File 610] **Business Wire** 1999-2009/Mar 18
(c) 2009 Business Wire. All rights reserved.

*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2009/Feb 20
(c) 2009 Gale/Cengage. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2009/Mar 18
(c) 2009 McGraw-Hill Co, Inc. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2009/Feb 11
(c) 2009 Gale/Cengage. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2009/Feb 24
(c) 2009 Gale/Cengage. All rights reserved.

[File 613] **PR Newswire** 1999-2009/Mar 18
(c) 2009 PR Newswire Association Inc. All rights reserved.

*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 813] **PR Newswire** 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2009/Feb 24
(c) 2009 Gale/Cengage. All rights reserved.

*File 16: UDI/banner does not reflect last processed date

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2009/Mar 15
(c) 2009 San Jose Mercury News. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2009/Mar 04
(c) 2009 Gale/Cengage. All rights reserved.

*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.

[File 20] **Dialog Global Reporter** 1997-2009/Mar 17
(c) 2009 Dialog. All rights reserved.

[File 625] **American Banker Publications** 1981-2008/Jun 26

(c) 2008 American Banker. All rights reserved.

*File 625: This file no longer updates. Use Newsroom Files 989 and 990 for current records.

[File 268] **Banking Info Source** 1981-2009/Mar W2

(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 485] **Accounting & Tax DB** 1971-2009/Mar W1

(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 267] **Finance & Banking Newsletters** 2008/Sep 29

(c) 2008 Dialog. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2009/Jan

(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

(c) 2002 Gale/Cengage. All rights reserved.

*File 583: This file is no longer updating as of 12-13-2002.

[File 65] **Inside Conferences** 1993-2009/Mar 17

(c) 2009 BLDSCL all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2009/Mar W2

(c) 2009 Institution of Electrical Engineers. All rights reserved.

[File 474] **New York Times Abs** 1969-2009/Mar 17

(c) 2009 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs** 1973-2009/Mar 17

(c) 2009 The New York Times. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2009/Feb

(c) 2009 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2009/Aug

(c) 2009 Info.Sources Inc. All rights reserved.

?

| Set | Items | Description |
|-----|-------|----------------------------------|
| S1 | 4 | S AU=(OBRECHT, W? OR OBRECHT W?) |

III. Text Search Results from Dialog (Full Text dbs)

A. Full-Text Databases – PATENT

[File 349] **PCT FULLTEXT** 1979-2009/UB=20090129|UT=20090122
(c) 2009 WIPO/Thomson. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-200911
(c) 2009 European Patent Office. All rights reserved.

| Set | Items | Description |
|-----|--------|---|
| S1 | 360954 | S (LAST OR PREVIOUS OR PRIOR OR MOST()) (IMMEDIATE OR RECENT) OR LATEST?) (7N) (OFFER? ? OR REQUEST? ? OR INQUIR?? OR ENQUIR? OR CONTACT? ? OR BID? ? OR INTERACTION? OR TRANSACTION? OR PURCHAS? OR QUOTE? ? OR RFP OR RFPS OR SUBMISSION? OR SUBMIT? OR PARTICIPATION? ? OR OPPORTUNIT???) |
| S2 | 194092 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?) (6N) (PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT) () (BY OR ON) OR SINCE OR FOLLOWING) |
| S3 | 9664 | S (PRIORITY? OR RANK???) OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN?) (3W) (ORDER OR SEQUEN?) (4N) (SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESLED? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S4 | 35 | S S2(6N)S3 |
| S5 | 1 | S S4 NOT AY>1997 |
| S6 | 37764 | S ((LAST OR PREVIOUS OR PRIOR OR MOST()) (IMMEDIATE OR RECENT) OR LATEST?) (7N) ORDER?) NOT S1 |
| S7 | 21834 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?) (6N) (PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT) () (BY OR ON) OR SINCE OR FOLLOWING) |
| S8 | 289 | S (PRIORITY? OR RANK???) OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN?) (3W) (ORDER OR SEQUEN?) (4N) (SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESLED? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S9 | 2 | S S8(3N)S7 |
| S10 | 0 | S S9 NOT AY>1997 |
| S11 | 445 | S ((ROUND()ROBIN) (7N) (SALES OR SELLER? OR MARKET? OR DISTRIBUT? OR INTERACTION? OR AUCTION OR BID???) OR MERCHANDISING OR TRADING) |
| S12 | 68 | S S11 NOT AY>1997 |

12/3K/4 (Item 4 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rights reserved.

00422198

**METHOD AND APPARATUS FOR AUTOMATED OPENING OF OPTIONS EXCHANGE
PROCEDE ET DISPOSITIF D'OUVERTURE AUTOMATIQUE D'UN MARCHE D'OPTIONS**

Patent Applicant/Patent Assignee:

- OPTIMARK TECHNOLOGIES INC

Inventor(s):

- RICKARD John T

- LUPIEN William A

| | Country | Number | Kind | Date |
|-------------|---------|-----------|------|----------|
| Patent | WO | 9812659 | A1 | 19980326 |
| Application | WO | 97US15665 | | 19970908 |
| Priorities | US | 96717387 | | 19960920 |

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, UZ, VN, YU, ZW, GH, KE,
LS, MW, SD, SZ, UG, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM, AT, BE, CH, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG

Publication Language: English

Filing Language:

Fulltext word count: 10112

Detailed Description:

...public orders at the opening price.

The present method of accomplishing this goal is a **round-robin** assignment of the residual contracts to each **market** maker. This method of assignment often results in SUBSTITUTE SHEET (RULE 26) undesirable and inefficient... ...made to meet these desires in the allocation of public order residual balances. As each **market** maker has unique desires, the present **round-robin** allocation of

the residual balance in public orders may not improve, and could possibly worsen...maker.

ExampleB

To illustrate the relative performance of the optimum assignment with respect to the **round-robin** assignment of public order imbalances to **market** makers, we consider the following examples. We assume there are ten option series, with 30... ...per market maker in @ is 721 for the optimum assignment, and, 4,529 for the **round robin** assignment. The corresponding rms error per **market** maker in @ is 135 and 544, respectively.

As a second ...per market maker in @ is 74 for the optimum assignment, and 5,514 for the **round-robin** assignment. The corresponding rms error per **market** maker in @ is 158 and 527, respectively.

These examples demonstrate the substantial improvement in the...

12/3K/2 (Item 2 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)
PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rights reserved.
00434917

NETWORK ADAPTOR DRIVER WITH DESTINATION BASED ORDERING CIRCUIT DE COMMANDE D'UN ADAPTATEUR DE RESEAU DOTE D'UNE CAPACITE D'ORDONNEMENT FONCTION DE LA DESTINATION

Patent Applicant/Patent Assignee:

- **3COM CORPORATION**

Inventor(s):

- **SHERER William Paul**
- **CONNERY Glenn**

| | Country | Number | Kind | Date |
|-------------|----------------|---------------|-------------|-------------|
| Patent | WO | 9825381 | A1 | 19980611 |
| Application | WO | 97US22620 | | 19971203 |
| Priorities | US | 9632124 | | 19961205 |

| | | |
|----|----------|----------|
| US | 97850906 | 19970502 |
|----|----------|----------|

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AU, CA, GB, JP, AT, BE, CH, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE

Publication Language: English

Filing Language:

Fulltext word count: 3488

Detailed Description:

...and sends one (or a group) of packets from all queues containing packets, in the **round-robin** order. This approach **distributes** packets to all destination without regard to the order at which packets to different destinations...

?

B. Full-Text Databases – NON-PATENT

[File 20] **Dialog Global Reporter** 1997-2009/Mar 21
(c) 2009 Dialog. All rights reserved.

[File 387] **The Denver Post** 1994-2009/Mar 20
(c) 2009 Denver Post. All rights reserved.

[File 471] **New York Times Fulltext** 1980-2009/Mar 20
(c) 2009 The New York Times. All rights reserved.

[File 492] **Arizona Repub/Phoenix Gaz** 19862002/Jan 06
(c) 2002 Phoenix Newspapers. All rights reserved.

*File 492: File 492 is closed (no longer updating). Use Newsroom, Files 989 and 990, for current records.

[File 494] **St LouisPost-Dispatch** 1988-2009/Mar 20
(c) 2009 St Louis Post-Dispatch. All rights reserved.

[File 631] **Boston Globe** 1980-2009/Mar 20
(c) 2009 Boston Globe. All rights reserved.

[File 633] **Phil.Inquirer** 1983-2009/Mar 21
(c) 2009 Philadelphia Newspapers Inc. All rights reserved.

[File 638] **Newsday/New York Newsday** 1987-2009/Mar 20
(c) 2009 Newsday Inc. All rights reserved.

[File 640] **San Francisco Chronicle** 1988-2009/Mar 20
(c) 2009 Chronicle Publ. Co. All rights reserved.

[File 641] **Rocky Mountain News** Jun 1989-2009/Jan 16
(c) 2009 Scripps Howard News. All rights reserved.
*File 641: This file has ceased updating

[File 702] **Miami Herald** 1983-2009/Mar 21
(c) 2009 The Miami Herald Publishing Co. All rights reserved.

[File 703] **USA Today** 1989-2009/Mar 19
(c) 2009 USA Today. All rights reserved.

[File 704] **(Portland)The Oregonian** 1989-2009/Mar 19
(c) 2009 The Oregonian. All rights reserved.

[File 713] **Atlanta J/Const.** 1989-2009/Mar 08
(c) 2009 Atlanta Newspapers. All rights reserved.

[File 714] **(Baltimore) The Sun** 1990-2009/Mar 19
(c) 2009 Baltimore Sun. All rights reserved.

[File 715] **Christian Sci.Mon.** 1989-2009/Mar 19
(c) 2009 Christian Science Monitor. All rights reserved.

[File 725] **(Cleveland)Plain Dealer** Aug 1991-2009/Mar 20
(c) 2009 The Plain Dealer. All rights reserved.

[File 735] **St. Petersburg Times** 1989- 2009/Mar 20
(c) 2009 St. Petersburg Times. All rights reserved.

[File 477] **Irish Times** 1999-2009/Mar 21
(c) 2009 Irish Times. All rights reserved.

[File 710] **Times/Sun.Times(London)** Jun 1988-2009/Mar 18
(c) 2009 Times Newspapers. All rights reserved.

[File 711] **Independent(London)** Sep 1988-2006/Dec 12
(c) 2006 Newspaper Publ. PLC. All rights reserved.

*File 711: This file does not update. See NewsRoom for full daily coverage from many European sources.

[File 756] **Daily/Sunday Telegraph** 2000-2009/Mar 20
(c) 2009 Telegraph Group. All rights reserved.

[File 757] **Mirror Publications/Independent Newspapers** 2000-2009/Mar 21
(c) 2009. All rights reserved.

| Set | Items | Description |
|-----|---------|--|
| S1 | 1480365 | S ((LAST OR PREVIOUS OR PRIOR OR MOST())(IMMEDIATE OR RECENT) OR LATEST) (?N)(OFFER? ? OR REQUEST? ? OR INQUIR???) OR ENQUIR? OR CONTACT? ? OR BID? ? OR INTERACTION? OR TRANSACTION? OR PURCHASE? OR QUOTE? ? OR RFP OR RFPS OR SUBMISSION? OR SUBMIT? OR PARTICIPATION? ? OR OPPORTUNIT???) OR ORDER?)) |
| S2 | 161651 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?) (6N)(PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT)()) (BY OR ON) OR SINCE OR FOLLOWING) |
| S3 | 1119 | S (PRIORITY? OR RANK???) OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN? OR ALLOCAT?) (3W)(ORDER OR SEQUEN? OR SCHEDUL? OR QUEUE? ?)) (4N)(SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESLAD? OR AGENT? ? OR OFFEROR? OR SUPPLIER? OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N)(USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S4 | 176 | S (ROUND()ROBIN) (?N)(SALES OR SELLER? OR MARKET? OR DISTRIBUT? OR INTERACTION? OR AUCTION OR BID???) OR MERCHANDISING OR TRADING) |
| S5 | 1 | S S2(3N)S3 |
| S6 | 36 | S S4 NOT PY>1997 |

[File 635] **Business Dateline(R)** 1985-2009/Mar 21
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2009/Feb 27
(c) 2009 Gale/Cengage. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2009/Mar 21
(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2009/Mar 21
(c) 2009 Gale/Cengage. All rights reserved.

[File 610] **Business Wire** 1999-2009/Mar 21
(c) 2009 Business Wire. All rights reserved.

*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2009/Feb 25
(c) 2009 Gale/Cengage. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2009/Mar 20
(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2009/Feb 16
(c) 2009 Gale/Cengage. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2009/Feb 27
(c) 2009 Gale/Cengage. All rights reserved.

[File 613] **PR Newswire** 1999-2009/Mar 21
(c) 2009 PR Newswire Association Inc. All rights reserved.

*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 813] **PR Newswire** 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2009/Feb 27
(c) 2009 Gale/Cengage. All rights reserved.

*File 16: UD/banner does not reflect last processed date

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2009/Mar 20
(c) 2009 San Jose Mercury News. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2009/Mar 06
(c) 2009 Gale/Cengage. All rights reserved.

*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.

| Set | Items | Description |
|-----|---------|---|
| S1 | 1397064 | S ((LAST OR PREVIOUS OR PRIOR OR MOST()) (IMMEDIATE OR RECENT) OR LATEST) (7N) (OFFER? ? OR REQUEST? ? OR INQUIR??? OR ENQUIR? OR CONTACT? ? OR BID? ? OR INTERACTION? OR TRANSACTION? OR PURCHAS? OR QUOTE? ? OR RFP OR RFPS OR SUBMISSION? OR SUBMIT? OR PARTICIPATION? ? OR OPPORTUNIT??? OR ORDER?)) |
| S2 | 202833 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?) (6N) (PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT ()) (BY OR ON) OR SINCE OR FOLLOWING) |
| S3 | 2188 | S (PRIORITY? OR RANK???) OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN? OR ALLOCAT?) (3W) (ORDER OR SEQUEN? OR SCHEDUL? OR QUEUE? ??) (4N) (SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESLAD? OR AGENT? ? OR OFFEROR? OR |

SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?)
S4 407 S (ROUND()ROBIN) (?N) (SALES OR SELLER? OR MARKET? OR DISTRIBUT? OR INTERACTION? OR AUCTION OR BID??? OR MERCHANDISING OR TRADING)
S5 1 S (ROUND()ROBIN) (?N)S2
S6 19 S S2(6N)S3
S7 19 S S6 NOT S5
S8 20 S S5 OR S6
S9 4 S S8 NOT PY>1997
S10 0 S (ROUND()ROBIN) (?N) DEALING?
S11 4 S SENIORITY(3N)S2
S12 24 S SENIORITY(3N)S1
S13 12 S S12 NOT PY>1997
S14 97 S S4 NOT PY>1997
S15 1817 S SENIORITY(6N) (SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESAD? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?)
S16 77 RD S14 (unique items)
S17 0 S S16(4N)S2
S18 0 S S14(3N)SENIORITY
S19 0 S S15(6N)S2
S20 2 S PRIORITY(5N) (CSE(5N)DEALER?)
S21 1 S ((CSE(3N)DEALER?) (9N) (BID OR ORDER OR OFFER)) (4N) (SYSTEM? OR METHOD? OR PRIORITY? OR SENIORITY? OR ASSIGN? OR ORDER()OF)
S22 0 S (ROTAT?(4N) (DEALER? OR SELLER? OR VENDOR?)) (4N) ((SENIORITY OR PRIORITY?) (3N) (PREVIOUS OR PRIOR))
S23 37 S S2(4N)ROTAT?
S24 2 S S23(?N)S1

6/5/K/15 (Item 2 from file: 633) [Links](#)

Phil.Inquirer

(c) 2009 Philadelphia Newspapers Inc. All rights reserved.
06696045

MILLIONS WENT FOR POOR WORK ON PHA ROOFS THE MONEY HAS FLOWED TO CONTRACTORS FOR YEARS. SO HAS THE RAIN INSIDE TENANTS' APARTMENTS. AN INTERNAL PHA AUDIT FOUND PROBLEMS IN THE BIDDING SYSTEM.

Philadelphia Inquirer (PI) - TUESDAY July 14, 1992

By: Matthew Purdy and Richard Burke, INQUIRER STAFF WRITERS

Edition: FINAL **Section:** LOCAL **Page:** A01

Word Count: 1,717

Lead Paragraph:

Sarah Thomas says she had none of the soggy ceilings or leaky roofs reported by many of the city's public housing residents - not until the roofers showed up.

Within two years after a contractor installed a new roof on her apartment at the Johnson Homes housing complex in 1989, she says, rainwater began running through holes bigger than a catcher's mitt in her bedroom ceiling and chunks of plaster splattered the floor.

Caption:

PHOTO

PHOTO (1)

1. The problems began when the roofers showed up, said Sarah Thomas, whose bedroom ceiling has large holes in it. (The Philadelphia Inquirer / WILLIAM F. STEINMETZ)

Copyright Philadelphia Newspapers Inc. 1992

Descriptors: PROBE; PHILADELPHIA; HOUSING; GOVERNMENT; FINANCE; BUILDING; COST

-

...period.

The audit said a select group of seven contractors was awarded contracts through a "**round robin**" method of contracting, in which requests for **bids** were never advertised.

"Through the **round robin** format, contracts were awarded on a recurring basis to those companies that agreed to perform..."

...had never submitted a bid, the audit said. That company was included because it had **bid** on previous **round robin** contracts.

The seven roofing firms cited in PHA's internal audit as having "participated in..."

6/5/K/2 (Item 1 from file: 471) [Links](#)

New York Times Fulltext

(c) 2009 The New York Times. All rights reserved.

02870439 NYT Sequence Number: 386162941002 (USE FORMAT 7 FOR FULLTEXT)

Connecticut Q&A: William Effros; Too Much House? Try a Five-Day Sale

JACQUELINE WEAVER

New York Times , Late Edition - Final ED , Col 1 , p 3

Sunday October 2 1994

Document Type: Newspaper ; Interview **Journal Code:** NYT **Language:** English

Record Type: Fulltext **Section Heading:** SECT13CN

Word Count: 1320

Lead Paragraph:

A LOT of homeowners who bought property when real estate prices peaked in the 1980's have since sat back helplessly and watched as the equity in what is in many cases a person's major asset, evaporate.

William Effros, a computer consultant in Greenwich, was one. He had bought a second home in Stamford for \$350,000 as an investment, only to be told months later that the market had wilted so fast and so hard that he was unlikely to get even \$225,000 on resale. Meanwhile, outsized mortgage and other payments were proving a burden.

Captions: Photo: William Effros has a system: three days for talking, two days of open house and bidding.
(Helen Neafsey for The New York Times)

Copyright (c) 1994 The New York Times. All rights reserved.

Descriptors: HOUSING; BIOGRAPHICAL INFORMATION

Personal Names: WEAVER, JACQUELINE; EFFROS, WILLIAM

...who comes first to be disadvantaged by someone coming later and bidding \$500 more. The **round robin** works from the high **bid** down. I tell everyone there is an advantage to being the higher bidder early. You...

21/9,K/1 (Item 1 from file: 624) [Links](#)

McGraw-Hill Publications

(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

00756952

DINGELL CHALLENGES SEC OVER PERMANENT APPROVAL OF CSE'S DEALER
PREFERENCING PROGRAM

MH

Securities Week, Vol. 23, No. 14, Pg 1

April 18, 1996

JOURNAL CODE: SW

ISSN: 0149-3582

WORD COUNT: 668

TEXT:

Rep. John Dingell (D-MI), the ranking Democrat on the House Commerce committee, last week held the SEC's feet to the fire over its recent permanent approval of the Cincinnati Stock Exchange's controversial dealer preferencing program.

Expressing his ``serious reservations about your agency's actions,'' Dingell called on SEC chairman Arthur Levitt Jr. to explain, among other things, why clients ``should have to tolerate a practice that benefits broker-dealers at the customers' expense.''

Dingell joined the NYSE in criticizing the Cincinnati program for internalizing orders. Dingell said he had received complaints ``that the (Cincinnati) preferencing pilot has not added depth or liquidity to the CSE market, but rather has resulted in the CSE's becoming a facility for CSE members to print internalized trades that do not interact with any other market interest to the detriment of investors.''

Dingell added that ``it has been suggested that the 30 second order exposure period has added to the CSE's `extraordinarily--and ever increasing(ly)'--high rate of Intermarket Trading System cancellations.'' Dingell requested that the SEC provide him with data on these cancellations and its analysis of ``their impact on investors and on the market.''

The SEC, in its order granting permanent approval to the Cincinnati program, concluded that the CSE's pilot program had generally added depth and liquidity to the market, as well as increasing its order flow. As such, it said that dealer preferencing, as supplemented by the order handling policies that the CSE proposed to increase exposure of customer limit orders, ``is not necessarily inconsistent with the attainment of best execution of customer orders, the maintenance of fair and orderly markets, or the protection of investors and the public interest.''

The SEC added that ``to the extent that preferencing does not have the effect of increasing order interaction, it fulfills the other national market system goalssuch as furthering competition among brokers and dealers, among exchange markets and markets other than exchange markets.''

In approving the preferencing program, the SEC also removed restrictions placed on the dealer preferencing program during its pilot phase that prohibited dealers from making cash payments for order flow. The SEC also removed previous restrictions on the number of stocks in which a single Cincinnati dealer is permitted to register (previously the number had been 350).

The CSE program provides dealers with the ability to retain and execute their internal order flow at the national best bid or offer, provided that public limit orders at the same price on the CSE book are executed first.

To that end, the preferencing program permits **CSE dealers** to internalize **order** flow by eliminating time **priority** between **CSE dealers**. The **dealer** may interact with a public **order** it represents as agent by either taking the contra-side of the trade as principal (a ``paired order trade''), or crossing the order with another customer order its represents as agent (an ``agency cross.'').

Among order handling changes approved by the SEC--which the CSE said would improve exposure of customer orders, and which the NYSE has criticized as essentially meaningless--is a policy that will require that in ``greater than minimum variation markets,'' a preferencing dealer must immediately execute market orders routed for execution on the CSE ``at an improved price or expose the orders on the exchange for a minimum of thirty seconds to give other market participants an opportunity to provide an improved price.''

A preferencing dealer may expose a market order by representing the orders at an improved price to the dealer's CSE quote, or by placing the order on the CSE's central limit order book at an improved price.

In a related development that is also, though less controversial, the SEC has also given its approval to the permanent status of the Boston Stock Exchange's competing specialist system. (See story page 4).

Copyright 1996 The McGraw-Hill Companies

COMPANY NAMES: Boston Stock Exchange ; Cincinnati Stock Exchange ; D MI ; House Commerce committee ; NYSE

IV. Text Search Results from Dialog (Abstract dbs)

A. Abstract Databases -- Patent

[File 347] **JAPIO** Dec 1976-2008/Oct(Updated 090220)
(c) 2009 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2008/UD=200916
(c) 2009 Thomson Reuters. All rights reserved.

| Set | Items | Description |
|-----|-------|---|
| S1 | 16166 | S (LAST OR PREVIOUS OR PRIOR OR MOST()) (IMMEDIATE OR RECENT) OR LATEST) (?N) (OFFER? ? OR REQUEST? ? OR INQUIR???) OR ENQUIR? OR CONTACT? ? OR BID? ? OR INTERACTION? OR TRANSACTION? OR PURCHASE? OR QUOTE? ? OR RFP OR RFPS OR SUBMISSION? OR SUBMIT? OR PARTICIPATION? ? OR OPPORTUNIT???) |
| S2 | 1655 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?) (6N) (PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT)()) (BY OR ON) OR SINCE OR FOLLOWING) |
| S3 | 8 | S (PRIORITY? OR RANK???) OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN?) (3W) (ORDER OR SEQUEN??)) (4N) (SELLER? ? OR VENDOR OR SALESPERSON? OR SALESLED? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S4 | 659 | S S1(3N)S2 |
| S5 | 28 | S S4(3N) (SELLER? ? OR VENDOR OR SALESmen OR SALESperson? OR SALESled? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S6 | 6 | S S5 NOT AY>1997 |
| S7 | 6 | S S6 NOT S3 |
| S8 | 46 | S (ROUND()ROBIN) (?N) (SALES OR SELLER? OR MARKET? OR DISTRIBUTOR? OR INTERACTION? OR AUCTION? OR BID???) OR MERCHANDISING OR TRADING) |
| S9 | 20 | S S8 NOT AY>1997 |

3/K/1 (Item 1 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)
Derwent WPIX

(c) 2009 Thomson Reuters. All rights reserved.

0014996558 & & Drawing available

WPI Acc no: 2005-344442/200535

XRPX Acc No: N2005-281402

Method of conducting sealed offer online auction of goods, involves sealing all offers received from each bidder from other bidders, and arranging offers in order according to offer placement time

Patent Assignee: LI S C (LISC-I); LONGMAN R (LONG-I)

Inventor: LI S C; LONGMAN R

Patent Family (1 patents, 1 & countries)

| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
|----------------|------|----------|--------------------|------|----------|--------|------|
| US 20050091144 | A1 | 20050428 | US 2003696441 | A | 20031028 | 200535 | B |

Priority Applications (no., kind, date): US 2003696441 A 20031028

Patent Details

| Patent Number | Kind | Lan | Pgs | Draw | Filing Notes |
|----------------|------|-----|-----|------|--------------|
| US 20050091144 | A1 | EN | 16 | 7 | |

...of conducting sealed offer online auction of goods, involves sealing all offers received from each bidder from other bidders, and arranging offers in order according to offer placement time Alerting Abstract ...NOVELTY - The offers received from each bidder within auction deadline are arranged in an order based to offer placement time, while sealing offers from other bidders. The seller is made... Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:kept sealed from other bidders, but are open to only the seller of the item. These offers are arranged in an order not by price, but according to the time when the offers are placed. The seller... ...Claims:kept sealed from other bidders, but are open to only the seller of the item; c) all offers are arranged in an order according to the time when the offers are placed; d) the auction has a scheduled...

3/3,K/7 (Item 7 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

(c) 2009 Thomson Reuters. All rights reserved.

0006148874 & & Drawing available

WPI Acc no: 1992-391651/199248

Related WPI Acc No: 2000-208174

XRPX Acc No: N1992-298738

Automated voice system for telephone system - relieves agent of duties of waiting on hold and provides wrap-up statements

Patent Assignee: INVENTIONS INC (INVE-N)

Inventor: SZLAM A; WARNER C L

Patent Family (10 patents, 14 & countries)

| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| EP 515068 | A2 | 19921125 | EP 1992304214 | A | 19920511 | 199248 | B |
| CA 2068681 | A | 19921121 | CA 2068681 | A | 19920514 | 199306 | E |
| US 5309505 | A | 19940503 | US 1991703158 | A | 19910520 | 199417 | E |
| EP 515068 | A3 | 19940831 | EP 1992304214 | A | 19920511 | 199531 | E |
| US 5511112 | A | 19960423 | US 1991703158 | A | 19910520 | 199622 | E |
| | | | US 1994236225 | A | 19940429 | | |
| CA 2314152 | A1 | 19921121 | CA 2068681 | A | 19920514 | 200058 | E |
| | | | CA 2314152 | A | 19920514 | | |
| CA 2068681 | C | 20001031 | CA 2068681 | A | 19920514 | 200060 | E |
| EP 515068 | B1 | 20011205 | EP 1992304214 | A | 19920511 | 200203 | E |
| | | | EP 1999203802 | A | 19920511 | | |
| DE 69232250 | E | 20020117 | DE 69232250 | A | 19920511 | 200213 | E |
| | | | EP 1992304214 | A | 19920511 | | |
| CA 2314152 | C | 20030318 | CA 2068681 | A | 19920514 | 200325 | E |
| | | | CA 2314152 | A | 19920514 | | |

Priority Applications (no., kind, date): US 1991703158 A 19910520; US 1994236225 A 19940429

Patent Details

| Patent Number | Kind | Lan | Pgs | Draw | Filing Notes |
|-------------------------------------|---|-----|-----|------|-----------------------------|
| EP 515068 | A2 | EN | 31 | 4 | |
| Regional Designated States,Original | AT BE CH DE DK ES FR GB GR IT LI NL PT SE | | | | |
| CA 2068681 | A | EN | | | |
| US 5309505 | A | EN | 25 | 4 | |
| EP 515068 | A3 | EN | | | |
| US 5511112 | A | EN | 22 | 4 | Continuation of application |
| | | | | | Continuation of patent |
| | | | | | US 5309505 |
| CA 2314152 | A1 | EN | | | Division of application |
| CA 2068681 | C | EN | | | |
| EP 515068 | B1 | EN | | | Related to application |
| | | | | | EP 1999203802 |
| | | | | | Related to patent |
| | | | | | EP 982916 |
| Regional Designated States,Original | AT BE CH DE DK ES FR GB GR IT LI NL PT SE | | | | |
| DE 69232250 | E | DE | | | Application |
| | | | | | EP 1992304214 |
| | | | | | Based on OPI patent |
| CA 2314152 | C | EN | | | Division of application |
| | | | | | CA 2068681 |

Original Publication Data by Authority/Argentina**Publication No.** ...**Claims:**and from said call pacing algorithm, a prediction of time remaining until each of said **agents** becomes available; **ranking** said **agents** based upon said time remaining for each **agent**; determining a **priority** status for each party who is placed on hold; ranking said parties who are placed **on** hold based upon said **priority** status; matching a party on hold with an **agent**, based upon said **ranking** of said **agents** and said **ranking** of said parties; and providing, to a

said party on hold, a statement of said **time** remaining for a said **agent** which was matched to said party.

9/3,K/5 (Item 5 from file: 347) [Links](#)

Fulltext available through: [Order File History](#)

JAPIO

(c) 2009 JPO & JAPIO. All rights reserved.

05532019 **Image available**

SYSTEM FOR DISTRIBUTION TO LARGE NUMBER OF TERMINALS

Pub. No.: 09-146819 [JP 9146819 A]

Published: June 06, 1997 (19970606)

Inventor: AOYANAGI TORU

Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)

Application No.: 07-302823 [JP 95302823]

Filed: November 21, 1995 (19951121)

ABSTRACT

...1 to 3-n) and selects distribution process tasks (1-1 to 1-n) by **round-robin** system scheduling, thereby making a **distribution** request. Each delivery process task when receiving the distribution request registers one record to a... Di01

9/5,K/2 (Item 1 from file: 624) [Links](#)

McGraw-Hill Publications

(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

00756952

DINGELL CHALLENGES SEC OVER PERMANENT APPROVAL OF CSE'S DEALER PREFERENCING PROGRAM

MH

Securities Week, Vol. 23, No. 14, Pg 1

April18, 1996

JOURNAL CODE: SW

ISSN: 0149-3582

WORD COUNT: 668

Copyright 1996 The McGraw-Hill Companies

COMPANY NAMES: Boston Stock Exchange ; Cincinnati Stock Exchange ; D MI ; House Commerce committee ; NYSE

TEXT:

...To that end, the preferencing program permits CSE dealers to internalize order flow by eliminating **time priority between** CSE dealers. The **dealer** may interact with a public order it represents as agent by either taking the contra...

20/3.K/1 (Item 1 from file: 9) [Links](#)

Business & Industry(R)

(c) 2009 Gale/Cengage. All rights reserved.

03170848 Supplier Number: 109318438 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Market Structure Debate Heats Up at Hearing.

Securities Industry News

October 27, 2003

Document Type: Journal **ISSN:** 1089-6333 (United States)

Language: English **Record Type:** Fulltext

Word Count: 694 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...preferencing) rule that permits CSE dealers to execute customers' orders without regard to the time **priority** of other **CSE dealer** orders, bids and offers, the **CSE** introduced elements of a Nasdaq-like market structure into an exchange for the first time...

B. Abstract Databases – NON-PATENT

[File 35] **Dissertation Abs Online** 1861-2009/Feb

(c) 2009 ProQuest Info&Learning. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

(c) 2002 Gale/Cengage. All rights reserved.

*File 583: This file is no longer updating as of 12-13-2002.

[File 65] **Inside Conferences** 1993-2009/Mar 19

(c) 2009 BLDS all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2009/Mar W3

(c) 2009 Institution of Electrical Engineers. All rights reserved.

[File 474] **New York Times Abs** 1969-2009/Mar 21

(c) 2009 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs** 1973-2009/Mar 21

(c) 2009 The New York Times. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2009/Feb

(c) 2009 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2009/Aug

(c) 2009 Info.Sources Inc. All rights reserved.

| Set | Items | Description |
|-----|-------|---|
| S1 | 35449 | S (LAST OR PREVIOUS OR PRIOR OR MOST() (IMMEDIATE OR RECENT) OR LATEST) (?N) (OFFER? ? OR REQUEST? ? OR INQUIR?? OR ENQUIR? OR CONTACT? ? OR BID? ? OR INTERACTION? OR TRANSACTION? OR PURCHAS? OR QUOTE? ? OR RFP OR RFPS OR SUBMISSION? OR SUBMIT? OR PARTICIPATION? ? OR OPPORTUNIT?? OR ORDER?) |
| S2 | 1027 | S (TIME? ? OR PERIOD? ? OR INTERVAL? ?)(6N) (PASSED OR PASSING OR ELAPSED OR BETWEEN OR AFTER OR BEFORE OR PRIOR OR (GONE OR WENT) ()(BY OR ON) OR SINCE OR FOLLOWING) |
| S3 | 1 | S (PRIORITY? OR RANK?? OR (SET OR SETS OR SETTING OR PLACE OR PLACES OR PLACING OR PLACEMENT OR PUT OR PUTTING OR PUTS OR LIST? OR ARRANG? OR ASSIGN? OR ALLOCAT?)(3W) (ORDER OR SEQUEN? OR SCHEDUL? OR QUEUE? ?)) (4N) (SELLER? ? OR VENDOR OR SALESMEN OR SALESPERSON? OR SALESLED? OR AGENT? ? OR OFFEROR? OR SUPPLIER OR DISTRIBUTOR? OR WHOLESALER? OR JOBBER? OR MIDDLEMAN OR MIDDLEMEN OR DEALER OR AUCTION(2N) (USER? OR PARTICIPANT? OR PLAYER?) OR MEMBER? ? OR BUSINESS?? OR MERCHANT? ? OR MANUFACTURER? OR MERCHANDISER? OR TRADER? OR TRADESPERSON? OR TRADESMAN OR TRADESMEN OR MARKETER? ? OR BIDDER?) |
| S4 | 125 | S (ROUND()ROBIN) (?N) (SALES OR SELLER? OR MARKET? OR DISTRIBUT? OR INTERACTION? OR AUCTION OR BID?? OR MERCHANDISING OR TRADING) |
| S5 | 52 | S S4 NOT PY>1997 |
| S6 | 287 | S S1(3N)S2 |
| S7 | 1 | S S6(3N)QUEU? |

?

3/3,K/1 (Item 1 from file: 35) [Links](#)

Dissertation Abs Online

(c) 2009 ProQuest Info&Learning. All rights reserved.

01497425 ORDER NO: AADNN-08425

PRICE DYNAMICS IN LIMIT ORDER MARKETS

Author: PARLOUR, CHRISTINE ANN

Degree: PH.D.

Year: 1996

Corporate Source/Institution: QUEEN'S UNIVERSITY AT KINGSTON (CANADA) (0283)

Source: Volume 5704A of Dissertations Abstracts International.

PAGE 1772 . 116 PAGES

ISBN: 0-612-08425-6

...is in effect, at any given price, there is a queuing problem. Because of price **priority, traders** can post "better" prices to jump the queue. Because of the uncertain evolution of the...

5/5,K/10 (Item 5 from file: 2) [Links](#)

INSPEC

(c) 2009 Institution of Electrical Engineers. All rights reserved.

06697221 **INSPEC Abstract Number:** C9710-1290D-044

Title: Optimum strategies for opening trading in options

Author Rickard, J.T.; Lupien, W.A.

Author Affiliation: OptiMark Technol. Inc., Durango, CO, USA

Conference Title: Conference Record of Thirtieth Asilomar Conference on Signals, Systems and Computers (Cat. No.96CB36004) **Part** vol.1 p. 451-8 vol.1

Editor(s): Singh, A.

Publisher: IEEE Comput. Soc. Press , Los Alamitos, CA, USA

Publication Date: 1997 **Country of Publication:** USA 2 vol. xxiii+1416 pp.

ISBN: 0 8186 7646 9 **Material Identity Number:** XX97-01333

U.S. Copyright Clearance Center Code: 1058-6393/97/\$10.00

Conference Title: Conference Record of The Thirtieth Asilomar Conference on Signals, Systems and Computers

Conference Sponsor: Naval Postgraduate School, Monterey, CA; San Jose State Univ.; IEEE Signal Process. Soc

Conference Date: 3-6 Nov. 1996 **Conference Location:** Pacific Grove, CA, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: When opening multiple series of options in a common underlying security, variations in public bids and offers across the series, and variations in the price of the underlying security during the time required to cycle through the opening, produce discrepancies in opening prices with respect to a single implied volatility. Ideally, all option series should be opened simultaneously at a price that corresponds reasonably well to a consistent set of implied volatilities, optimizes the traded volume across all series, and enables market makers to balance variations in supply and demand of public orders at advantageous prices. The first objective avoids gross inconsistencies in implied volatility at the opening. The second objective

satisfies an obvious purpose for an exchange. The final objective currently is accomplished by **round-robin** assignment of **market** makers to the required offsetting positions at the opening. This paper describes an optimum procedure for simultaneously accomplishing all of the above objectives. (4 Refs)

Subfile: C

Descriptors: financial data processing; optimisation; securities trading

Identifiers: optimum strategies; opening trading; options; security; public bids; opening prices; volatility; option series; traded volume optimisation; market makers; supply; demand; public orders; prices; round-robin assignment

Class Codes: C1290D (Systems theory applications in economics and business); C7120 (Financial computing)

Copyright 1997, IEE

Abstract: ...objective satisfies an obvious purpose for an exchange. The final objective currently is accomplished by **round-robin** assignment of **market** makers to the required offsetting positions at the opening. This paper describes an optimum procedure...

V. Additional Resources Searched

No additional results of relevance found in the additional databases identified in the cover correspondence.